







## Focus Occupation: Electrical Engineers (17-2071)

Focus occupation: Electrical Engineers	
Employment and Growth	285/ 7.5%
Ave. Monthly Wage	\$8,938
Education/Experience	Bachelor's degree

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Architectural and Engineering Managers (11-9041) 	3	474/ 6.3%	BA/5 plus yrs	77
Aerospace Engineers (17-2011)	2	45/ 7.1%	BA	98
Electronics Engineers, Except Computer (17-2072)	1	92/ 7.0%	BA	97

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Civil Engineers  (17-2051)	0	796/ 8.2%	BA	88
Engineers, All Other  (17-2199)	0	1,046/ 6.8%	BA	97
Mechanical Engineers  (17-2141)	0	326/ 6.2%	BA	81

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Commercial and Industrial Designers (27-1021)	-1	31/ 6.9%	BA	76
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095)	-1	128/ 6.7%	VOC	70
Electrical and Electronic Engineering Technicians  (17-3023)	-2	556/ 7.5%	AA	76
Electrical and Electronics Drafters (17-3012)	-2	35/ 6.1%	AA	89
Engineering Technicians, Except Drafters, All Other (17-3029)	-2	518/ 7.2%	AA	83
Electricians  (47-2111)	-3	2,348/ 8.6%	HS	81

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**Important note:** A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O\*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.